

Population and Employment Growth Patterns



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July 10, 2008

Five Sets of Development Indicators

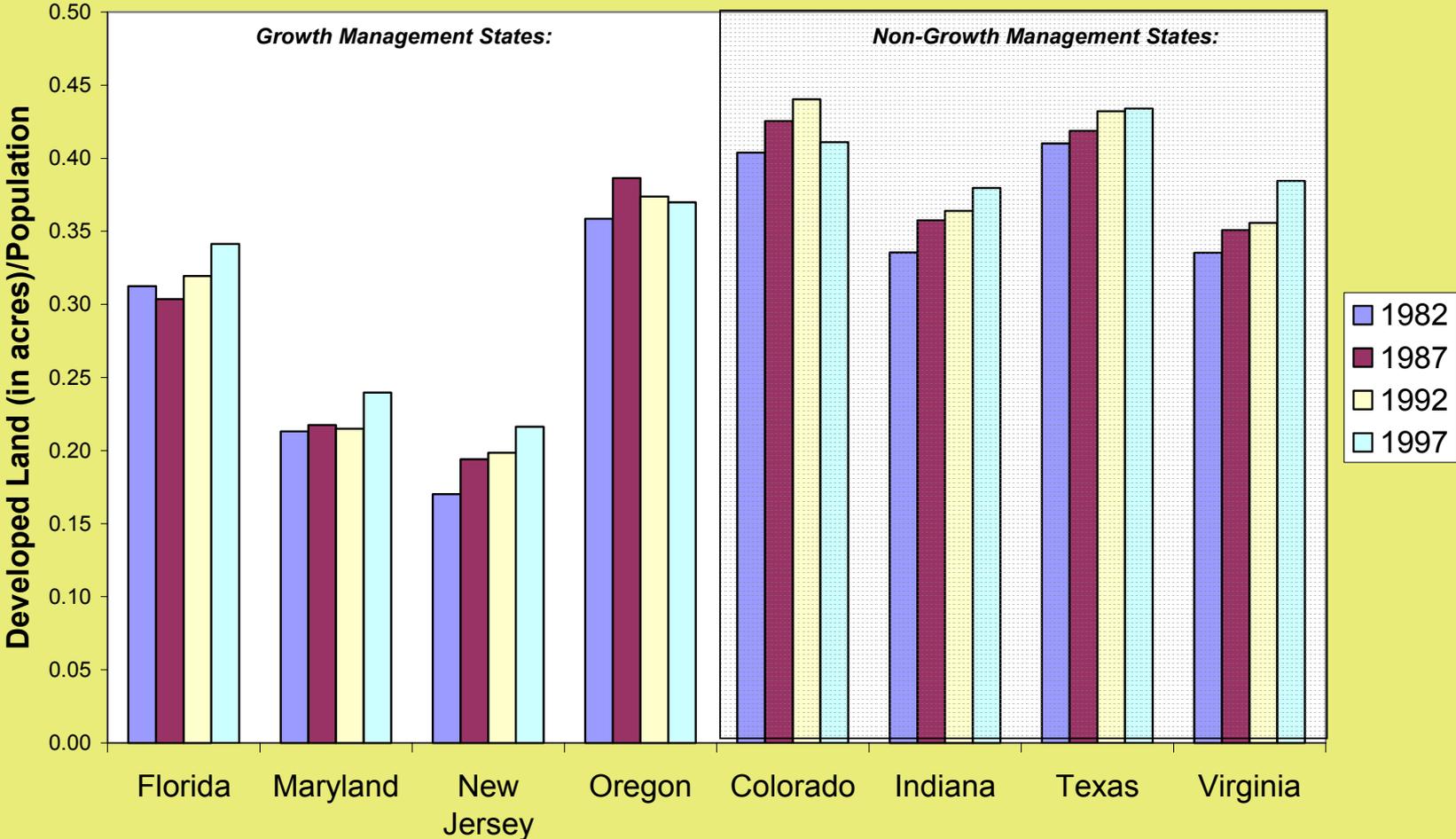
Table 1: Development Patterns Indicators

Indicator	Scale	Variables of Interest	Dates
Size and Growth	state	population and employment	1990, 2000 1994, 2004
Land Use	state	acres by land use type	1982, 1987, 1992, 1997
Concentration	state and metropolitan area	population and employment	1990, 2000 1994, 2004
Urbanization	state and metropolitan area	population	1990, 2000
Centralization	metropolitan area	population and employment	1990, 2000 1994, 2004

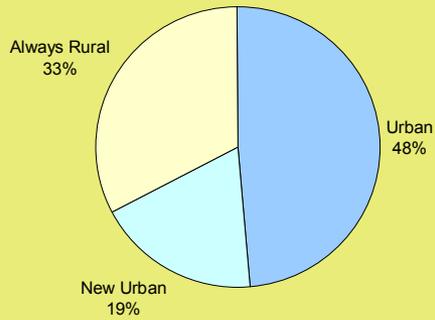
Population Size, Density and Growth

State	Area (square miles)	Population (1990)	Density in persons per square mile (1990)	Population (2000)	Density in persons per square mile (2000)	Total Change in Population (1990 to 2000)	Percentage Change in Population (1990 to 2000)
Growth Management States							
Florida	56,610	12,937,901	229	15,982,378	282	3,044,477	24%
Maryland	9,995	4,781,461	478	5,296,486	530	515,025	11%
New Jersey	7,546	7,730,115	1,024	8,414,350	1,115	684,235	9%
Oregon	96,955	2,842,308	29	3,421,399	35	579,091	20%
Average	42,777	7,072,946	440	8,278,653	491	1,205,707	15%
Non-Growth Management States							
Colorado	104,094	3,294,399	32	4,301,261	41	1,006,862	31%
Indiana	36,184	5,544,036	153	6,080,485	168	536,449	10%
Texas	264,713	16,986,511	64	20,851,820	79	3,865,309	23%
Virginia	39,977	6,187,347	155	7,078,515	177	891,168	14%
Average	111,242	8,003,073	101	9,578,020	116	1,574,947	16%

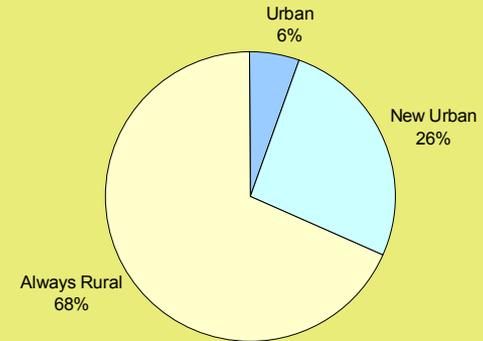
Developed Land Per Person



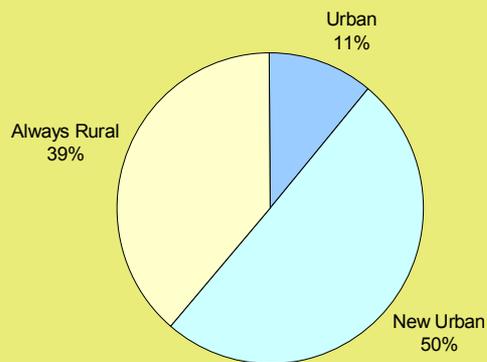
Percentage of Population Growth By Category
OREGON



Percentage of Population Growth By Category
INDIANA

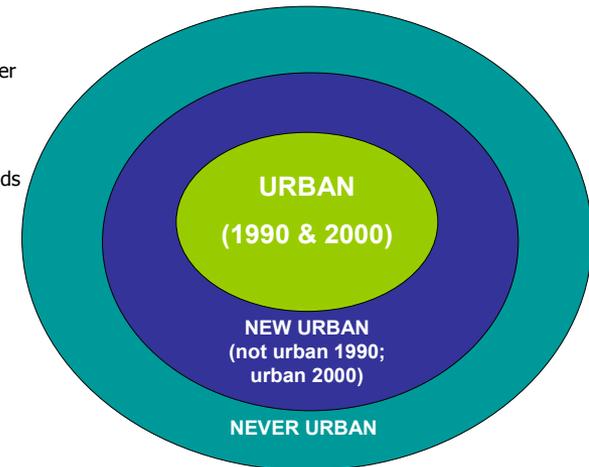


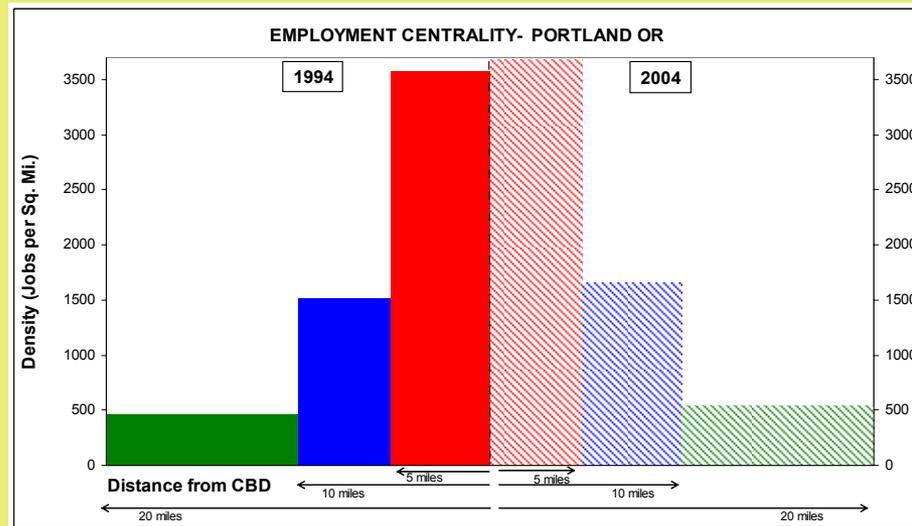
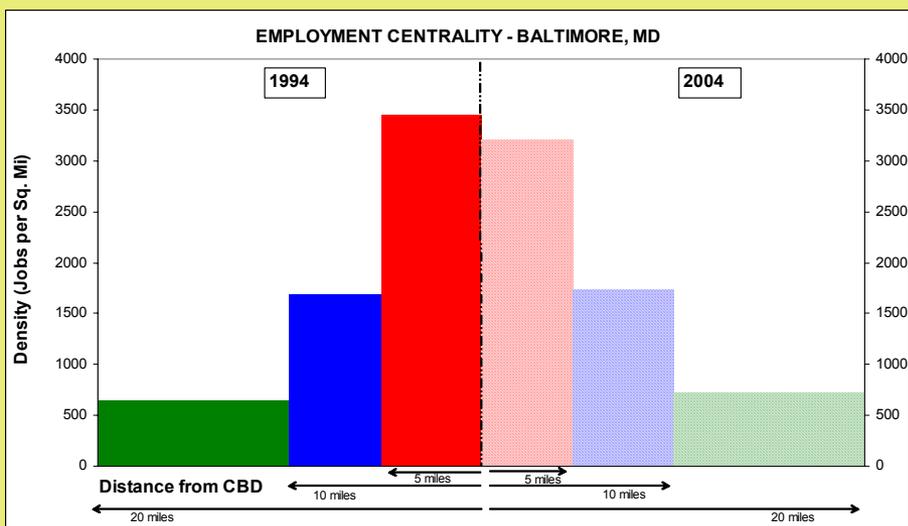
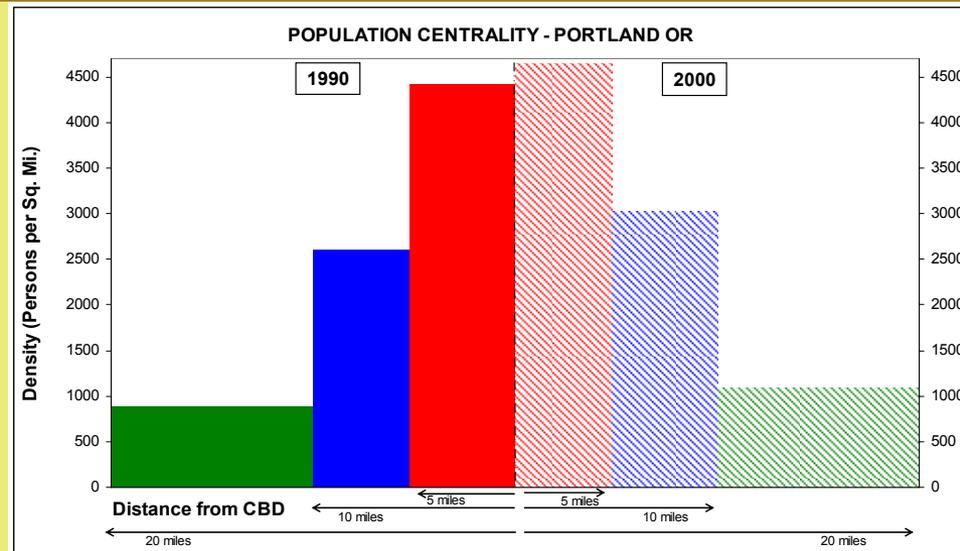
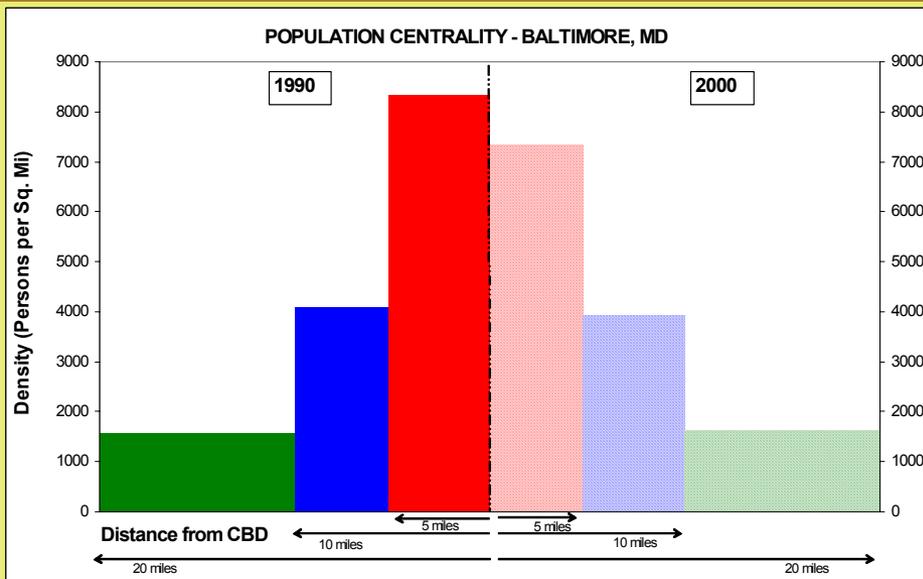
Percentage of Population Growth By Category
MARYLAND



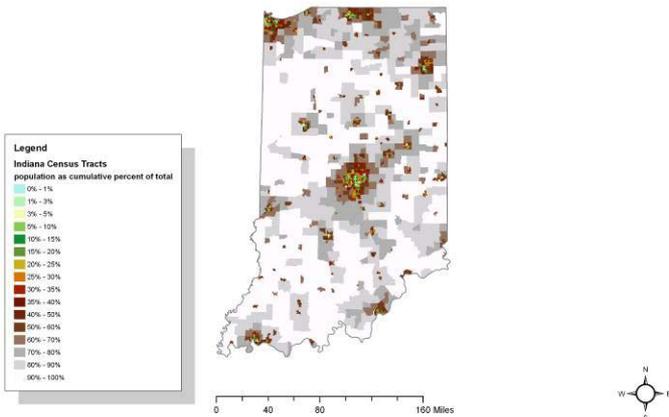
Urban, New Urban, and Rural Demarcation

Urban area defined as density greater than 1000 persons per square mile;
>.6 households per acre

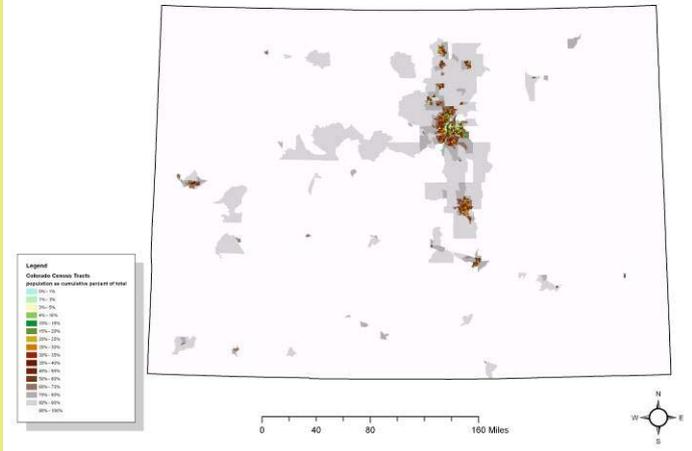




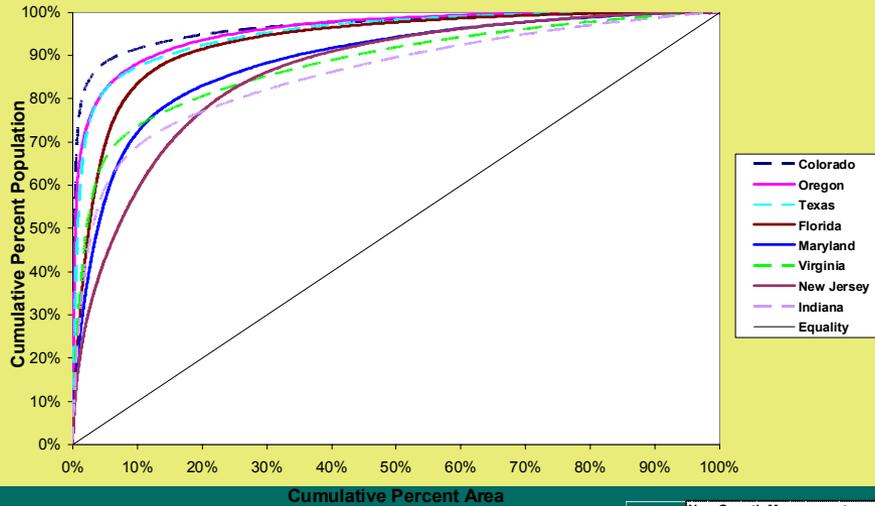
Indiana Population Concentration - 2000



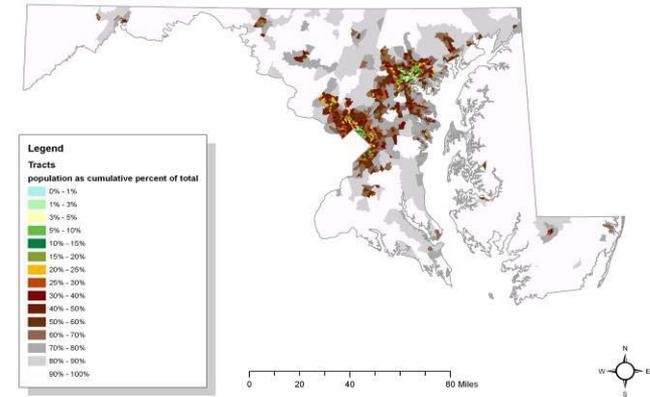
Colorado Population Concentration - 2000



Statewide Population Distribution - 1990



Maryland Population Concentration - 2000



Managing Growth with Priority Funding Areas:

Promise, Politics and Performance

Rebecca Lewis, University of Maryland

Gerrit Knaap, University of Maryland

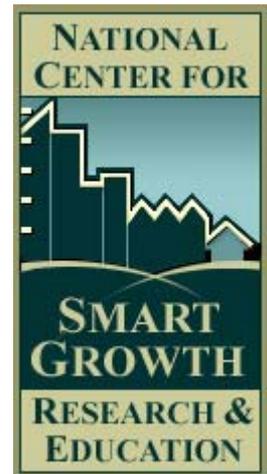
Jungyul Sohn, Seoul National
University



2009

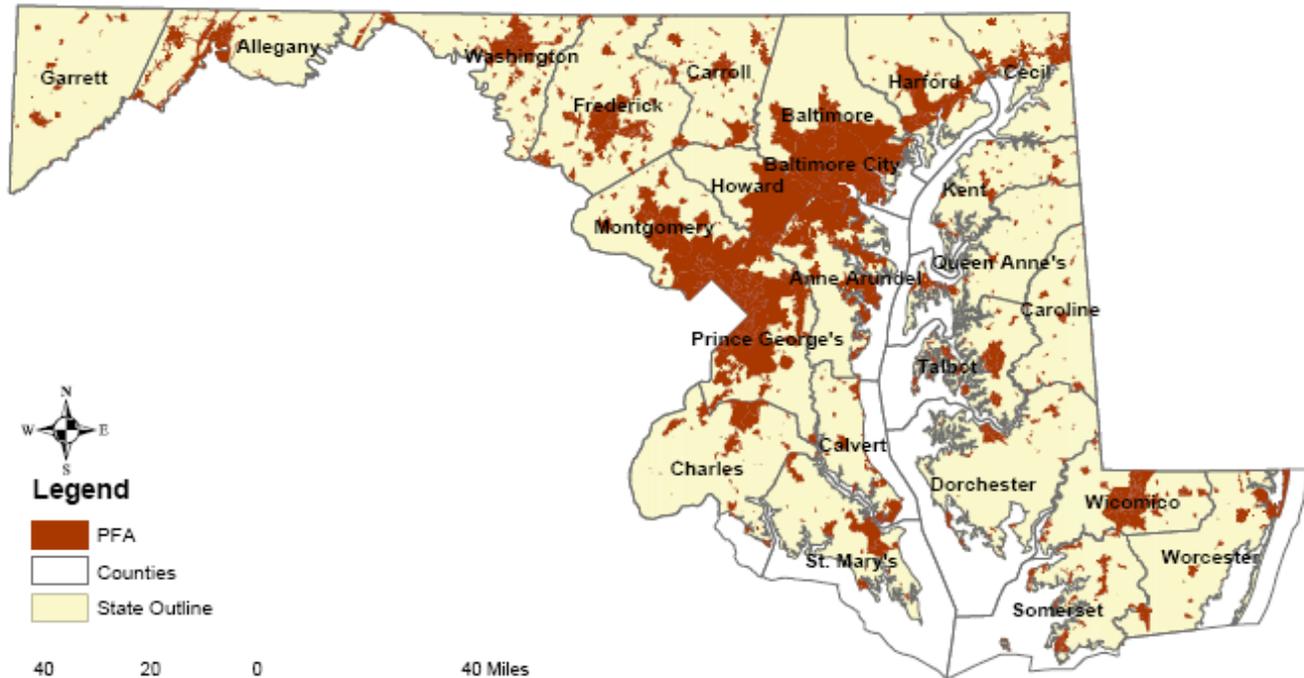


ACSP-AESOP Joint Congress - July 10, 2008

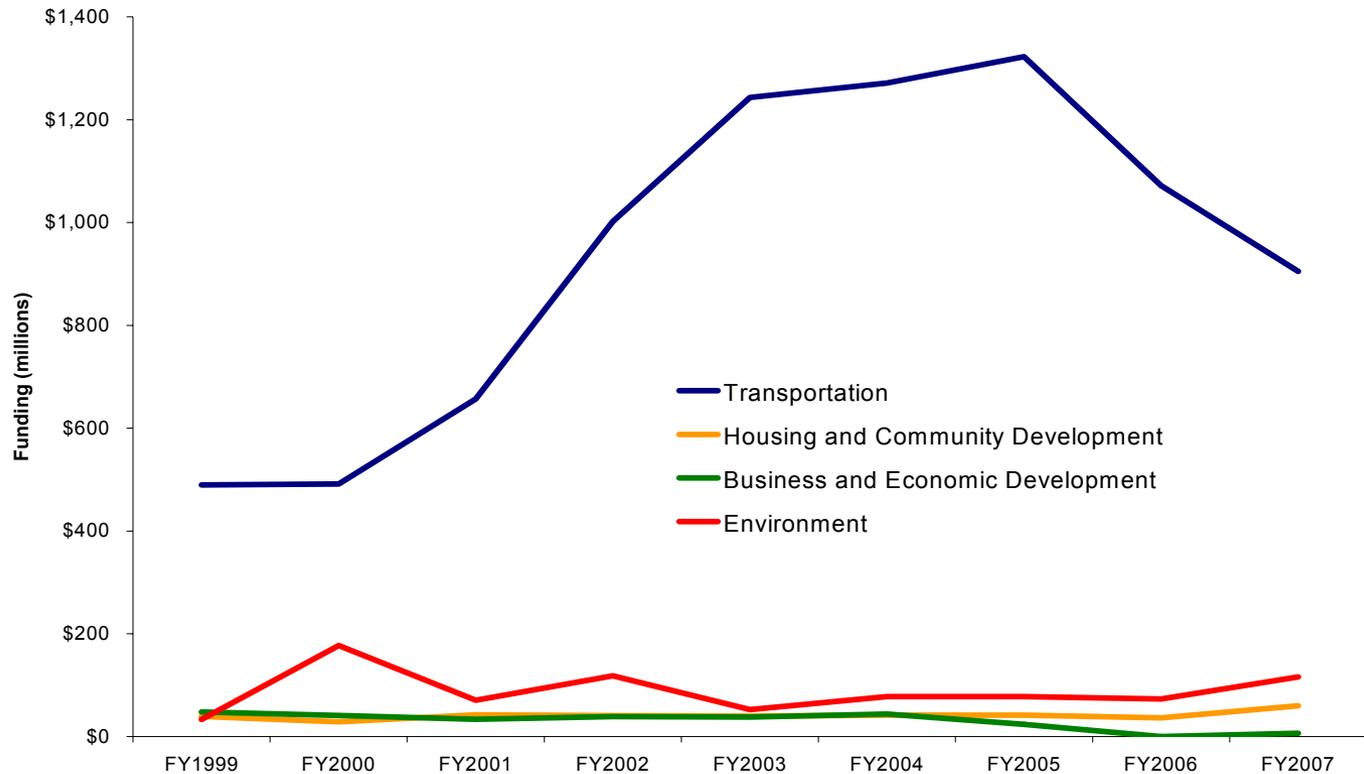


Priority Funding Areas

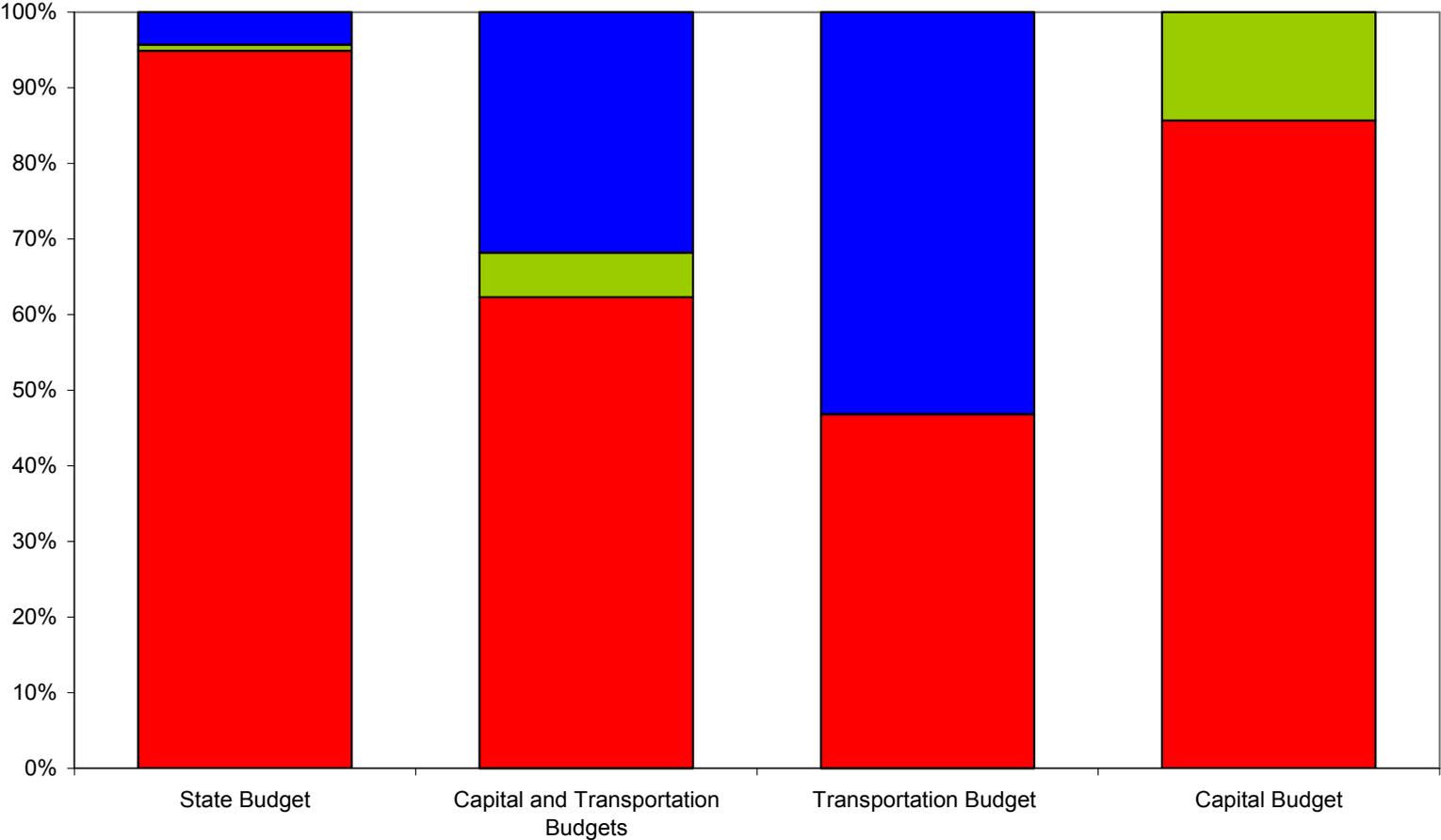
Maryland Priority Funding Areas 2000



“Growth Related” Spending by Agency



Total State Spending



■ Not Subject to PFA Review ■ Capital Funds Subject to PFA Review ■ Transportation Funds Subject to PFA Review



County	Total Acreage											
	Total			Inside PFA			Outside PFA			Share (Inside)		
	Pre-PFA	Post-PFA	Ratio (Post/Pre)	Pre-PFA	Post-PFA	Ratio (Post/Pre)	Pre-PFA	Post-PFA	Ratio (Post/Pre)	Pre-PFA	Post-PFA	Ratio (Post/Pre)
Allegany	254	217	0.85	81	51	0.63*	173	166	0.96	32%	24%	0.74*
Frederick	1,073	1,139	1.06	325	335	1.03	748	805	1.08	30%	29%	0.97
Garrett	507	546	1.08	19	21	1.09	488	525	1.08	4%	4%	1.01
Washington	700	811	1.16	161	198	1.23	539	613	1.14	23%	24%	1.06
Western Maryland	2534	2713	1.07	586	605	1.03	1948	2109	1.08	23%	22%	0.96
Anne Arundel	1,072	1,189	1.11	372	289	0.78*	700	900	1.29*	35%	24%	0.70*
Baltimore	1,387	1,250	0.9	374	314	0.84*	1,013	935	0.92	27%	25%	0.93
Carroll	1,250	1,259	1.01	257	244	0.95	993	1,015	1.02	21%	19%	0.95
Harford	1,076	1,205	1.12	274	274	1	802	930	1.16	25%	23%	0.89
Howard	1,150	958	0.83	357	278	0.78*	794	680	0.86	31%	29%	0.94
Montgomery	1,118	1,285	1.15	383	370	0.97	735	915	1.24	34%	29%	0.84*
Prince George's	1,012	1,120	1.11	642	635	0.99	370	486	1.31	63%	57%	0.89
Central Maryland	8,065	8,266	1.02	2,659	2,404	0.90	5,407	5,861	1.08	33%	29%	0.88
Calvert	976	931	0.95	216	137	0.63*	759	794	1.05	22%	15%	0.66*
Charles	1,095	1,447	1.32	141	161	1.14	954	1,286	1.35*	13%	11%	0.87
St. Mary's	1,044	1,322	1.27	108	153	1.42*	936	1,169	1.25*	10%	12%	1.12
Southern Maryland	3115	3700	1.19	465	451	0.97	2649	3249	1.23	15%	12%	0.82
Caroline	357	351	0.99	18	16	0.89	339	336	0.99	5%	4%	0.91
Cecil	756	835	1.1	53	78	1.48*	704	757	1.08	7%	9%	1.34*
Dorchester	249	257	1.03	15	34	2.31*	234	223	0.95	6%	13%	2.24
Kent	132	168	1.27	29	38	1.32	103	130	1.26	22%	23%	1.04
Queen Anne's	359	362	1.01	50	65	1.3	309	297	0.96	14%	18%	1.29
Somerset	167	170	1.02	46	61	1.34	122	109	0.89	27%	36%	1.32
Talbot	394	430	1.09	96	109	1.14	299	321	1.08	24%	25%	1.04*
Wicomico	487	474	0.97	237	220	0.93	250	253	1.01	49%	47%	0.96
Worcester	306	369	1.21	99	123	1.24*	207	246	1.19	32%	33%	1.03*
Eastern Shore	3207	3416	1.07	643	744	1.16	2567	2672	1.04	20%	22%	1.09
State Total	16,945	18,108	1.07	4,376	4,219	0.96	12,569	13,889	1.11	26%	23%	.90



/2009

Table 3: Average Annual Number of Acres Developed for Single Family Units Before and After PFAs

Maryland's Smart Growth Initiative

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National Center for Smart Growth Research and
Education
University of Maryland

“Getting Bigger Better: An Analysis of Urban Growth
Solutions”
University of Idaho
March 30, 2007



Five Major Challenges

- Pragmatic Balance
 - Bias in favor of land preservation over development
- Urban Containment
 - PFAs are inherently weak tools
- Infrastructure Finance
 - Little financial support for development within growth areas;
- Land Conservation
 - Fragmented and unsupported by local zoning;
- Statutory Framework
 - Smart Growth instruments not integrated with planning statutes.

Six Ideas for Reform

- Establish a comprehensive set of goals and measure progress towards those goals.;
- Reconsider how PFAs are defined, expanded, and guide state spending;
- Require that local plans include PFAs and that both are reviewed on a maximum ten-year cycle;
- Consider local zoning in open space funding decisions;
- Create an infrastructure financing fund and link capital spending with APFOs.